Superfund Process

Screening

Investigation



Discovery of Contamination



Preliminary Assessment (PA)



Site Investigation (SI)



National
Priorities List
(NPL) Site
Listing Process



Remedial Investigation/ Feasibility Study (RI/FS)



Proposed Plan

A potentially contaminated site is reported to EPA or a similar state or local agency.

EPA gathers historical and other available information about site conditions to evaluate whether the site poses a threat to human health and the environment and whether further investigation is needed. It also helps identify sites that may need immediate or short-term response actions.

Further analysis of air, water and soil at the site to determine what hazardous substances are present and whether they are being released to the environment and are a threat to human health.

EPA evaluates the risks posed by the site using the Hazard Ranking System. Sites that score at or above an established level qualify for cleanup under Superfund and are proposed for listing on the NPL, a list of the most serious sites identied for long-term cleanup.

The RI collects data to determine the nature and extent of contamination at the site. The FS identi es technologies capable of treating the contamination, and evaluates the cost and performance of di erent cleanup approaches.

The Proposed Plan summarizes RI/FS ndings and identifies cleanup alternatives and a preferred approach to addressing site risks. Public comments are considered.

CFACSite Timeline

2015 (proposed NPL listing) RI: 2016-2020 2016 (nal FS: 2021 (estimated) NPL listing)

Decision



Record of Decision (ROD)

Cleanup



Remedial Action



Construction Completion

Post-Cleanup



Post-Construction Completion



NPL Deletion

The ROD documents and describes the site's selected remedy.

EPA works with the State and potentially responsible parties (PRPs) on technical speci cations for cleanup remedies and technologies.

Remedial

Design

This step involves the actual construction or implementation of the cleanup.

Physical construction of all cleanup remedies is complete, all immediate threats have been addressed and all long-term threats are under control. Though long-term cleanup actions may still be operating, the site is often ready for reuse.

The name for several activities at sites following the construction of response actions, including operation and maintenance and long-term response actions, institutional controls, ve-year reviews and optimization of remedies. The goal is to ensure the long-term protection of human health and the environment.

The nal stage of the Superfund process. EPA may delete a site from the NPL if the Agency determines no further response is required to protect human health or the environment.